AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application. Where claims have been amended and/or canceled, such amendments and/or cancellations are done without prejudice and/or waiver and/or disclaimer to the claimed and/or disclosed subject matter, and Assignee reserves the right to claim this subject matter and/or other disclosed subject matter in a continuing application.

1. (currently amended) A method of transferring image information from~~removing a memory of~~ a scanning apparatus, wherein the scanning apparatus comprises an image extraction device operative to transmit each pixel of data of a scan line to a computer during a period ~~referred to as an exposure time~~ of a transfer~~dumping~~ signal via a shift signal, and no memory buffer, the method comprising~~includes~~: adjusting a period of the shift signal based at least in part on~~according to~~ a speed of reading the pixel data of the scan line by the computer, thereby allowing the computer to finish reading the pixel data of the scan line during~~in~~ the period of the transfer signal~~exposure time~~.

2. (currently amended) The method according to claim 1, wherein if~~when~~ the shift signal transmits each pixel of the data of the scan line to the computer in a time shorter than the period of the transfer signal~~exposure time~~, the method further comprising adding a waiting time to the shift signal~~is added~~ based at least in part on a period of the transfer signal~~to equal the exposure time~~.

3. (currently amended) The method according to claim 1, wherein the period of the transfer signal~~exposure time~~ comprises~~is~~ a constant period of time.

4. (currently amended) The method according to claim 1, wherein the period of the transfer signalexposure time comprises~~is~~ a variable period of time.

5. (currently amended) The method according to claim 1, wherein the transfer~~dumping~~ signal is enabled at a high level.

6. (original) The method according to claim 1, wherein the shift signal is enabled at a high level.

7. (currently amended) The method according to claim 1, wherein the image extraction device comprises~~includes~~ a charge-coupled device.

8. (canceled)

9. (currently amended) A method of transferring image information~~removing a memory~~ from a scanning apparatus, wherein the scanning apparatus comprises~~includes~~ an image extraction apparatus operative to transmit each pixel of data of a scan line to a computer via a shift signal during a period of a transfer~~dumping~~ signal, and no memory buffer~~, also referred to as an exposure time~~, the method comprising: performing one of shortening a period of the shift signal if~~when~~ the computer uses a fast processing speed to process the pixel data of the scan line; and increasing the period of the shift signal if~~when~~ the computer uses a slow processing speed to process the pixel data of the scan line; wherein the computer finishes~~has to finish~~ reading the pixel data of the scan line during the period of the transfer signal~~in the exposure time~~.

10. (currently amended) The method according to claim 9, wherein if~~when~~ each pixel of the data of the scan line is transmitted to the computer in a time shorter than the exposure time, the method further comprising adding a waiting time ~~is added~~ based at least in part on a period of the transfer signal~~to equal the exposure time~~.

11. (currently amended) The method according to claim 9, wherein the period of the transfer signal~~exposure time~~ comprises~~is~~ a constant period of time.

12. (currently amended) The method according to claim 9, wherein the period of the transfer signal~~exposure time~~ comprises~~is~~ a variable period of time.

13. (currently amended) The method according to claim 9, wherein the transfer~~dumping~~ signal is enabled at a high level.

14. (original) The method according to claim 9, wherein the shift signal is enabled at a high level.

15. (currently amended) The method according to claim 9, wherein the image extraction device comprises~~includes~~ a charge-coupled device.

16. (canceled)